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ULTRAHIGH FREQUENCY SATELLITE COMMUNICATIONS DEMAND ASSIGNED MULTIPLE ACCESS REQUIREMENTS

JOINT STAFF
WASHINGTON, D.C. 20318-0300

CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

J-6 CJCSI 6251.01
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ULTRA HIGH FREQUENCY SATELLITE COMMUNICATIONS DEMAND ASSIGNED MULTIPLE ACCESS REQUIREMENTS

References:
a. MIL-STD-188-181, 18 September 1992, "Interoperability Standard for Dedicated 5 kHz and 25 kHz UHF Satellite Communications Channels"
b. MIL-STD- 188- 182, 18 September 1992, "Interoperability Standard for 5 kHz UHF DAMA Terminal Waveform"
c. MIL-STD-188-183, 18 September 1992, "Interoperability Standard for 25 kHz UHF TDMA/DAMA Terminal Waveform"
d. NCSC-11, 3 May 1982, National Policy for Protection of Telecommunications Systems Handling Unclassified National Security-Related Information"

1. Purpose. This instruction outlines the minimum requirements for all users of nonprocessed ultrahigh frequency (UHF) military satellite communications (MILSATCOM).

2. Cancellation. MCM-89-94, 28 July 1994, UHF Satellite Communications Demand Assigned Multiple Access (DAMA) Requirement," is canceled.

3. Applicability. This instruction applies to all users of nonprocessed UHF MILSATCOM.

4. Policy

a. Department of Defense satellite communications assets are critical resources that must be employed in the most advantageous manner for maximum support to the combatant commanders. UHF DAMA has been selected as the method to provide this support. The use of

DAMA techniques for UHF MILSATCOM systems will effectively multiply the satellite communications resources available to the users and was mandated in MCM-89-94. Updated guidance addressing the UHF MILSATCOM DAMA requirements is provided.

b. All users of nonprocessed UHF MILSATCOM are required to have DAMA terminals that are interoperable in accordance with MIL-STD-188- 181, MIL-STD- 1 {38- 182, and MIL-STD- 188- 183, no later than 30 September 1996. Terminals utilizing 25 kHz UHF MILSATCOM must be compliant of operation in both the automatic and distributed control modes. After 30 September 1996, automatic control will be the primary DAMA control mode. All users who are unable to comply with this policy are required to submit a waiver.

c. Waiver Process

(1) Temporary Waivers

(a) Users requiring temporary waivers due to terminal fielding or network not yet completely DAMA compliant shall submit a temporary waiver to the appropriate CINC and/or agency, information copy to the Joint Staff J6S/J6Z, for validation and approval.

(b) The temporary waiver request shall be located in the remarks section of the Satellite Access Request (SAR) and must include reason for waiver, anticipated DAMA compliant date (month/year), and number of terminals currently DAMA compliant. Temporary waivers must be submitted with each SAR until network is DAMA compliant.

(c) As CINCs approve individual SARs with temporary waivers, they should question Service, agency, and/or component timelines to make this net DAMA compliant, since each approved temporary waiver reduces available UHF SATCOM access.

(2) Technical Waivers

(a) Users requiring technical waivers due to network incompatibility with the DAMA waveform will submit the waiver in a memorandum format. Applications for technical waivers will be submitted to the Joint Staff, J-6, via the appropriate CINC and/or agency. At a minimum, the following must be included in the technical waiver request: type of network,

terminals used, function of the network, actual network usage (duty cycle), justification (technical reasons for DAMA incompatibility), and point of contact.

(b) Technical waivers must have a CINC and/or agency recommendation before being forwarded to the Joint Staff, J6.

(c) Approved technical waivers will be reflected in the Integrated Communications Data Base (ICDB) and will be revalidated every 2 years.

(d) Approved technical waivers do not authorize or guarantee satellite access.

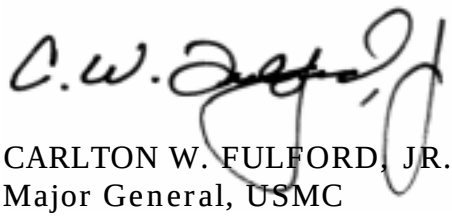
d. For all UHF SATCOM DAMA systems, the channel control information (orderwire) is unclassified national security-related information of value to an adversary. Significant risk of telecommunications exploitation of the uplink and downlink channel control signals exists as defined in NCSC-11. All channel control information shall be encrypted as defined in the UHF DAMA terminal military standards.

5. Responsibilities. All DOD and non-DOD organizations, activities, and agencies that use or plan to use nonprocessed UHF MILSATCOM shall comply with this instruction.

6. Summary of Changes. This instruction incorporates new guidance on the UHF MILSATCOM DAMA waiver process.

7. Effective Date. This instruction is effective immediately.

For the Chairman of the Joint Chiefs of Staff:



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